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JUNE 03, 2004   PTAS

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RECORDATION DATE: 06/01/2004   REEL/FRAME: 014680/0634
                                    NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 9898-325

ASSIGNOR: DOC DATE: 12/15/2003
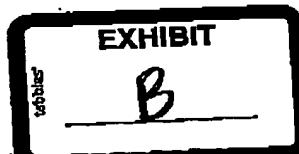   LEE, TAE-JUNG

ASSIGNOR: DOC DATE: 12/17/2003
   KIM, BYUNG-SUN

ASSIGNOR: DOC DATE: 12/15/2003
   LEE, JOON-HYUNG

ASSIGNEE:
   SAMSUNG ELECTRONICS CO., LTD.
   416 MAETAN-DONG, YEONGTONG-GU,
   SUWON-CITY
   KYUNGKI-DO, REPUBLIC OF KOREA

EXHIBIT
B

014680/0634 PAGE 2

SERIAL NUMBER: 10751178   FILING DATE: 01/02/2004
PATENT NUMBER: ISSUE DATE:
TITLE: DUAL PORT SEMICONDUCTOR MEMORY DEVICE

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
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PATENT APPLICATION
Docket No. 9898-325
Client No. SS-18274-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of party(ies) conveying an interest: Tae-Jung Lee, Byung-Sun Kim, and Joon-Hyung Lee

2. Name and address of party(ies) receiving an interest: Samsung Electronics Co., Ltd.
                                                             416 Maetan-dong, Yeongtong-gu, Suwon-City
                                                             Kyunggi-do, Republic of Korea

3. Description of the interest conveyed:

    ☒ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger

    Date of execution of attached document: December 15, 2003 and December 17, 2003

4. Application number(s) or patent number(s). Additional sheet attached? Yes ___ No X
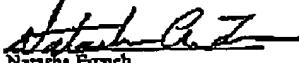
If this document is being filed together with a new application, the execution date of the application is:

    Patent Application No. 10/751,178, filed on 02 Jan 2004

5. Name and address of party to whom correspondence concerning document should be mailed:

    MARGER JOHNSON & McCOLLOM, P.C.
    1030 S.W. Morrison Street
    Portland, Oregon 97205
    Telephone: (503) 222-3613

    > I hereby certify that this correspondence
    > is being transmitted to the U.S. Patent and
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    > Natasha French
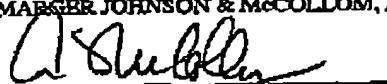
6. Number of applications and patents involved: 1

7. PTO Form 2038 authorizing credit card payment ($40) is enclosed.

8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

    Dated: June 1, 2004

                                            Respectfully submitted,
                                            MARGER JOHNSON & McCOLLOM, P.C.

                                            Alan T. McCollom
                                            Reg. No. 28,881

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1030 SW Morrison Street
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                                            Total number of pages comprising
                                            cover sheet and attached assignment: 3